ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Parathyroid Hormone (1-84) N15 Labeled Human Recombinant

Item Number	rAP-2590
Synonyms	Parathyrin, PTH, Parathormone.
Description	PTH (1-84) N15 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 84 amino acids and having a molecular mass of 9550 Dalton labeled by the stable isotope N15.The PTH (1-84) N15 is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P01270
Amino Acid Sequence	SVSEIQLMHN LGKHLNSMER VEWLRKKLQD VHNFVALGAP LAPRDAGSQR PRKKEDNVLV ESHEKSLGEA DKADVNVLTK AKSQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Parathyrin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PTH should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Formulation and Purity	PTH (1-84) N15 protein was lyophilized from a 0.2μm filtered concentrated solution in 1xPBS, pH 7.4. Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Parathormone in sterile 18MΩ-cm H2O not less than 100 μg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The activity calculated by UMR106 cell/cAMP method corresponding to a specific activity of 9,000 Units/mg.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only